

## TRANSPORTING VEHICLE, DEVICE FOR REGULATING PRESSURE AND SYSTEM FOR FEEDING MOLTEN METAL

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### Abstract of JP2002316258

**PROBLEM TO BE SOLVED:** To provide a system for feeding molten metal and a transporting vehicle used for this system which permit feeding of the molten metal with a simple mechanism and safe feeding work and have satisfactory working property.

**SOLUTION:** A receiver tank 55 is loaded on a fork lift 18 and gas for pressurizing is supplied into a container 100 from the receiver tank 55, and since the molten metal is forcedly fed with this gas, a ladle is unnecessary to be tilted unlike the conventional method. Consequently, for example, the fork lift is unnecessary to have a tilting mechanism and necessary only to have a lifting mechanism 52, and thus the mechanism of the transporting vehicle is very simple. Further, since the receiving tank 55 is used, e.g. the loading of an electric generator, etc., considered necessary in the case of loading a compressor, etc., is unnecessary and the small and lightweight transporting vehicle can be obtained. When the vehicle is used inside a factory, the supplement of gas is extremely easy.



